

AMENDMENT UNDER 37 C.F.R. § 1.121
US Appln. Ser No. 08/773,180

displacement measuring means for measuring displacement
of said motor rotor; and

a hermetically sealing partition wall made of a
nonmagnetic metal material and disposed at the gap between said
stator magnetic pole and said rotor magnetic pole, a space where
said motor rotor is disposed being hermetically isolated from a
space wherein said motor stator is disposed;

wherein said bearings are a plurality of rolling
bearings, said rolling bearings supporting said motor rotor at
positions on said housings at both sides of a member constituting
said sealing partition wall in a longitudinal direction of said
motor rotor so that said housings directly receive a load applied
to said bearings, [A sealed actuator as claimed in claim 1,]

wherein said displacement measuring means comprises a resolver
rotor made of a magnetic metal material, disposed at a side of said
motor rotor, and includes a salient tooth; and a resolver stator
including a detection coil magnetic pole and disposed at a side of
said motor stator.

\ In claim 4, line 2, change "rotor" to --stator--.

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10. (Amended) A sealed actuator as claimed in claim 7,
wherein said displacement measuring means includes a coarse
resolver and a fine resolver configured such that it is unnecessary
to return to an origin to detect the position of the motor rotor.

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14. (Amended) A sealed actuator comprising:

a motor stator including a stator magnetic pole excited
by a rotation-drive coil;

a housing to which said motor stator is attached;

a motor rotor including a rotor magnetic pole disposed
opposite to a surface of said stator magnetic pole through a gap;

bearings for rotatably supporting a rotation shaft of
said motor rotor to said housing;

displacement measuring means for measuring displacement
of said motor rotor; and

a hermetically sealing partition wall made of a
nonmagnetic metal material and disposed at the gap between said
stator magnetic pole and said rotor magnetic pole, a space where
said motor rotor is disposed being hermetically isolated from a
space where said motor stator is disposed;

wherein said sealed actuator further comprises
reinforcing means for reinforcing at least a part of said
hermetically sealing partition wall, said reinforcing means being
made of substantially the same nonmagnetic metal material as said
partition wall.

[In claim 23, line 4, change "detetion" to --detection--.